The fight isn't over

For the Armadillos, the fight against the Botha regime is just beginning. Last Friday, they communicated their concern with "South Africa: The Real Story.." page 4

No static at all

Barry Smith twists his FM dial and gives us a comic glimpse of what's out there on the Vermont airwaves. page 6

Panthers fall to Williams

But sophomore quarterback Jim Hackett goes 14 for 19 in the rain, letting a little sun shine in. page 7

The Middlebury Campus

Established 1905 | Vol. 82 No. 2 | Middlebury, Vermont | Friday, September 26, 1986

In Paris; learning to live with terrorism

white wine, brie, and bombs

By Dwight F. Garner

It's not quite business-as-usual for Middlebury's language students studying in Paris, particularly after the devastating bomb that exploded last week outside of a discount department store there. That explosion marked the fifth such terrorist bombing in two weeks. The evening streets are still full and the cafes are still doing brisk business, these students say, and although none of them have been the area of an explosion, they all claim to have friends that have been — and the idea shakes them.

"We're concerned, but we're stressing that the students be careful and use common sense," says Nancy O'Connor, Director of the school in Paris. Being careful, O'Connor says, means keeping clear of tourist spots and large crowds, not speaking loudly in English, and not hanging out in conspicuous places like an American Express office or a Burger King. Those "Club-Midd" t-shirts are also probably best left in the suitcase, she says.

O'Connor takes comfort in the fact that the current spate of bombings, unlike the Libyan incidents earlier in the year, are not directed primarily at Americans. Yet there is still fear, and the sense that a kind of perverse lottery is taking place. The "wanted" notices plastered on walls across the city do little to alleviate the feeling of unease. The large flower posts that line the Champs-d'Elysee — likely spots to conceal bombs — have also been removed, and Janice Kopp ('87), who lives close to the downtown area, says that "even trashcans can take on ominous meaning" for her.

Although roommates Joan Rice ('88) and Cynthia Bechet ('88) are quick to point out that the bombings have not damaged their enjoyment of one of Europe's most diverse cities ("there's no way we're coming home," Bechet said), there have been some changes in the ways that they, and the other 90 Middlebury students in Paris, go about their day-to-day existences. When they walk into a supermarket there, their bags are searched thoroughly by security guards. On the Metro, and in the local discos, their purses are dumped out and their belongings, particularly their cameras, are examined. In order to get into their classes in Reid Hall, which houses the school's offices and classrooms, they flash newly issued identification cards. Still, Rice and Bechet say, these inconveniences can be oddly reassuring.

"Terrorism is a powerful psychological game," wrote Carol Scarbeau ('87) in a postcard addressed to her parents in Paxton, Massachusetts. "You just have to go on living." Carol's parents, Mr. and Mrs. Robert Scarbeau, admit their concerns — concerns unlikely assuaged by the dramatic photos the *New York Times* splashed across its front pages last week — but ask "Where are you really safe?" They note the ongoing cyanide poisonings as an example.

Edward Knox, Vice President for Foreign Languages and Director of the Language Schools, said that he has received very few calls from anxious parents. "What I have been receiving," Knox said, "are calls from colleagues asking: What are *you* doing?" Letters have been sent to students, he said, and added that he is in touch with the American Embassy in Paris. "Short of war," he said, "it's unlikely that any of the students would be called home."

Disregarding the graphic photos in the *Times*, Knox thinks that the media coverage of the bombings has

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Drug abuse on campus

Robison forms task force

By Laura Firmery

President Robison has recently appointed a Task Force on Drug Abuse to deal with the problem at Middlebury. In a letter to the members of the task force, the president stated that "recent events, at both the national and local level, have dramatized the dangers of students' drug involvement and its consequences on their campuses." The task force's purpose will be to gather information about the extent of the drug problem at Middlebury and to determine the best strategies for dealing with the problem.

Sister Elizabeth Candon, former commissioner of human services in Vermont and former president of Trinity College, will be chair of the task force. Karl Lindholm, Associate Dean of the College, will be Campus Task Force Coordinator. The president has also appointed Karen Andrews, Accountant of the college; Jim Davis, Trustee of the college; Jim Grube, Assistant Professor of Physical Education; Martha Mathis, Assistant Dean of Students; Tamar Mayar, Assistant Professor of Geography; Yonna McShane, Assistant Director of the Counseling and Human Relations Center; Marc Reiss, Associate Professor of Psychology; Fred Spencer, Director of Campus Security; John Walsh, College Chaplain; and two students to be named in consultation with the chairman of the Student Forum.

In an interview this week, Lindholm maintained that drug abuse is much more difficult to handle than other social problems. "It is harder to get specific information," he stated. "When we talked to students last spring, we found that drug abuse is confined to private settings." Lindholm further emphasized the difficulty in deciding what methods of intervention to

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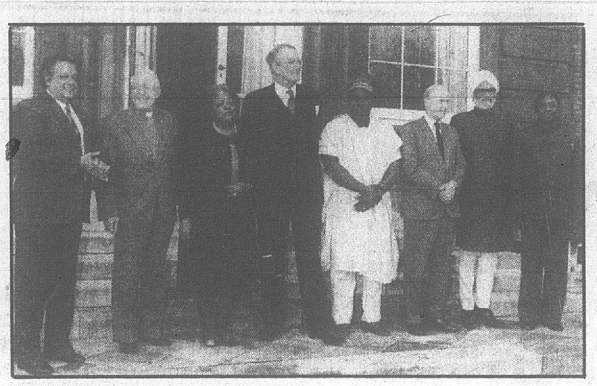

The Eminent Persons Committee. Malcolm Fraser, center.

Fraser to present S. African symposium

By John P. Ward

On October 8, 1986 the Honorable Malcolm Fraser will arrive at Middlebury to conduct a nationally broadcast symposium on issues concerning South Africa. Fraser was the Australian Prime Minister from 1975 to 1983 as well as the co-chairman of the Commonwealth Eminent Persons Group which travelled to South Africa at the request of Great Britain's Prime Minister, Margaret Thatcher.

The Eminent Persons Group was comprised of Mr. Fraser, General Olusegun Obasanjo (the other co-chairman), former head of the Federal Military Government of Nigeria; Lord Barber of Wentbridge, who held various positions in Great Britain's Ministries of Health and Finance; Dame Nita Barrow, President of the World Council of Churches; Mr. John Malecela, former Foreign Minister of Tanzania; Sardar Swaran Singh, who has held positions as Minister of Defense and External Affairs in India; and The Most Reverend Edward Walter Scott, former Primate of the Anglican Church of Canada.

College Public Relations Director, Ron Nief, elaborated their aim as being

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A hard look at the tenure system

A two-part inquiry into a controversial policy

By Jacob Brown

Not only is Middlebury College's tenure policy controversial but it is also very complex. This, the first part of a two part series treating tenure, lies in the belief that college faculty should have the opportunity to be rewarded for outstanding teaching and scholarship. The rewards come in the form of increased economic security by guaranteeing to the appointee employment at Middlebury College until normal retirement age. This, theoretically, encourages men and women of high quality to remain to help better the quality of academics at Middlebury.

Public interaction

Faculty begin their career at Middlebury as "teachers." At some point thereafter, but no more than nine years later, the teacher is to be evaluated by the Committee on reappointment.Considered are the faculty member's teaching and scholarship, or artistic activities outside of Middlebury College. "Publication is important in its root meaning," says the College Handbook. In other words, for promotion, teachers must have interacted to some degree with a professional public, beyond the confines of Middlebury College. In addition, the teacher's "potential for continuing contributions... to the College" is also considered in the evaluation, according to the College Handbook.

Evaluation forms

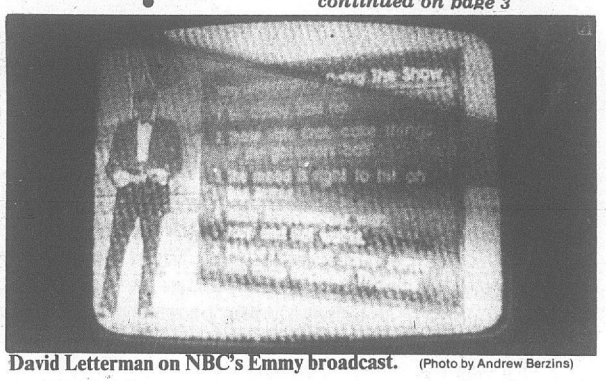
To begin the tenure review process, one must be recommended by at least two tenured members of his or her department, one of whom is the chair of that department. The other tenured members of the same department are interviewed, and the Student Advisory Committee, students and alumni are consulted. The Teaching Evaluation forms are also considered in the process.

If, after evalution, the individual is not awarded tenure, he or she may remain at or depart from Middlebury as he or she sees fit. To remain would mean continued "teacher" status until the individual were to be recommended for tenure again.

Guaranteed employment

If the person is promoted to tenure status, he or she is then formally titled "Associate Professor" and enjoys the guarantee of employment until retirement. No later than five years later, the Associate Professor is reviewed by the Committee on Reappointment. He or she either becomes a "Full Professor" or remains an "Associate Professor."If the latter is the case, the associate professor is reviewed every three years "until the faculty member has either been appointed to the rank of Professor or has departed from the faculty."

The structure of the tenure system is rather complicated, as one can see. In addition, the controversy over tenure has been heated in past years. It is this controversy that will be examined next week.



David Letterman on NBC's Emmy broadcast. (Photo by Andrew Berzins)

Prime time with David Letterman

By Dwight F. Garner

The winners were fairly predictable: Cagney and Lacey, the Cosby Show, Cheers. The production numbers, featuring NBC's version of The Solid Gold Dancers, were to be expected. And that there were stars, and drumrolls, and tears, and speeches, took no one by surprise.

The one variable in NBC's Emmy Awards show last Sunday night was its co-host (with Shelley Long), David Letterman.

And he wasn't enough.

It doesn't take much for a college student to put off sleep until 1:30 a.m., when Letterman's nightly show gives way to the national anthem and a test pattern on NBC's affiliate in Plattsburg. Indeed, the night is still young. But to block off three hours on a Sunday evening, when there is a week's worth of work to catch up on, requires some devotion. And devotion, at least among students, is what Letterman has.

The very *idea* of David Letterman hosting the Emmy's must have appealed to many of them — it's a little like having Kurt Vonnegut host The Old Time Gospel Hour — and NBC was banking on this appeal, garnishing the station breaks with their fall line-up. But what Letterman's fans got was a bit puzzling. Their hero, stripped of his home-field advantage, took on the big boys and came away a little bit bruised.

It's become apparent, at least in the past year, that the networks as well as the Motion Picture Academy are willing to take it on the chin in return for Nielson points. You could sense the subversive glee whirling behind Robin Williams' eyes when, hosting this years Oscar ceremony, he took on Jack Valenti and the Hollywood corporate mentality. Sparks literally flew from Williams cadre of alter-egos. In contrast, what we saw last Sunday night was a lobotomized version of David Letterman.

There were some of the Letterman hallmarks; a top 10 list ("Why David Letterman is doing this show. Number one: Bill Cosby said no.") and Jay Leno made an appearance. But one had to be disappointed. When things drag on his nightly show, Letterman relies on the familiar *deus ex machina* of the Sky-Cam or the ping-pong ball machine, or the pencil-toss. This time his fall-backs consisted of Ali McGraw and Philip Michael Thomas.

Every weeknight, Monday through Thursday, Letterman takes a look at the inane flotsam and jotsam of our lives, and winces for us. Last Sunday, we winced for him.

Certainly, this says more about prime-time televison than it does about Letterman. But the question remains: Why didn't he get out while he had the chance?

STUDENT FORUM VOTES DOWN STANFORD APARTHEID PROPOSAL

By Jason S. Robart

The Student government of Stanford University is currently attempting to form a nationwide coalition of colleges to persuade President Reagan to abandon the administration's policy of "constructive engagement" in South Africa. Middlebury College is yet one of the approximately 200 U.S. colleges which Stanford has contacted.

On September 14, the Student Forum voted down the proposal to comply with the request from Stanford. The vote count was 26 opposed and 8 in favor. Michael Neff ('87), Forum Chairman, stated that Forum had decided not to draft a letter for two reasons: that the members of Forum felt that the college had already taken a stand against the Apartheid system of the South African government by divesting, and secondly that the members of Forum simply wanted to leave the issue alone. "Many people on Forum are happy to see it [the issue of divestment] over and done with." Neff added. He went on to state that he personally felt that "the letter would not bring about anything constructive," and "that it would probably end up in a trash can in the White House."

Neff also emphasized that the proposal was addressed to him as "a student leader", not as Forum Chairman, and that he brought the proposal to the Forum's attention to seek its advice as to what his reaction to the proposal ought to be.

Kathy Tignor, recording secretary of Forum, stated that to the best of her knowledge, this was the first proposal of its kind discussed by the Forum.

When asked about his reaction to the trustees' decision to divest, Neff replied, "I am disturbed that no one within the student body was consulted...student leaders should have been consulted prior to them [the trustees] making a decision." Neff also stated that the Forum as a body was upset that it had not been contacted prior to the decision.

Erica Wonnacott, Dean of Students, when questioned as to why the students were not notified, replied, "There was no effort to avoid students..if students had been here they would have been here they would have been involved but it was not realistic to attempt to contact students."

●

General Public, Poussette-Dart, to appear in fall

By Jason S. Robart

The Middleburry College Activities Board (MCAB) has announced that John Poussette-Dart and the reggae band General Public will perform at the College this fall.

Pousette-Dart, who is known for his hits such as "Country Line", "Amnesia", and "Fall on Me" will perform in Mead Chapel at 8:00pm Oct. 23.

General Public will perform on Nov. 7 at 8:00pm in the Memorial Field House here at the College. General Public has over the past year delighted audiences with its modern reggae sounds.

Jim Terhune, Assistant to the Director of Student Activities, had this to say about this fall's entertainment schedule, "I feel that our fall line up shows that MCAB is working harder to bring more big name bands and entertainment to campus, and the credit should go to the students on MCAB."

The Middlebury Campus

Established 1905 Friday, September 26, 1986

Jason S. Robart, Editor in Chief — *Dwight F. Garner, Managing Editor*
John Ward, News Editor — *Kevin Barry, Assistant News Editor*
Paula Carlton, Features Editor — *Mark Williams, Opinions Editor*
Sean Gillia, Arts Editor — *Urszula Kotlow, Science Editor*
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A wider perspective

In the spirit of the post divestment era here at Middlebury we must remind ourselves and the rest of the nation that human rights violations do not end in South Africa, and that it is now time to widen our perspective on these violations.

Seven years ago the Soviet Union invaded and declared martial law in Afghanistan. The U.S. and its citizens responded to the Soviet actions with outrage. The United States government implemented a grain embargo and boycotted the Moscow Summer Olympics. Well, we are once again selling grain to the Soviet Union, and boycotting the Olympics had little or no effect other than hurting our own athletes.

The U.S. government and the American public, most notably the activists on college campuses have placed the Afghan situation on the back burner. We have accepted the destruction of the Afghan race as being wholly within the Soviet sphere of influence, and thus outside of our jurisdicton. We must not ignore the abuse of fundamental human rights because of locality. Have we also forgotten the plight of the Soviet Jews, the starving in Ethiopia, the homeless in Harlem, or the farmers in Kansas?

All too often we allow the front page of the *New York Times* or the lead story on the CBS Evening News to fully dictate the direction of our concern.

It's been more than five years now since Dan Rather dawned a turban and a robe to tell us the horrors of life in Afghanistan and if we are to truly consider ourselves activists for basic human rights, that image must not fade from our minds.

A reassuring outlook

No one was happy when Vermont raised its legal drinking age to 21 last July; not students, and certainly not college administrators. When Middlebury's "21 committee" released its report well over a year ago, it made several predictions as to the likely consequences of the age increase. Among them were an increase in dorm damages, an increase in drug usage, a loss of control over regulating parties, and, most worrisome, the development of an adversarial relationship between students and administrators.

Despite the prevalence of dorm damage during the past two weeks, it is too early to tell how true the committee's predictions will be. Regardless of what the developments will be, the problem of dealing with the change is certainly one of the most difficult that the college will have to face in the upcoming years.

In light of all this, the administration's position has thus far been very reasurring, and should be commended. In interview after interview with the **Campus**, and in public statements, the administrators have hammered home some basic themes that give us reason to believe that the transition from the "grandfather—clause" situation to an across-the-board 21 year old drinking age will be a smooth one.

The college's position that its primary function is the education of its students is a strong one, yet it is deeply concerned with alcohol abuse. We applaud the fact that the administration is searching for long term answers to the problem of alcohol abuse, and that they are looking for ways to change student attitudes about drinking. But most reassuring is the administration's honest concern for its relationship with the students.

As fewer students are able to drink, there will obviously have to be some real changes in the college's policies toward drinking. But the college, thus far, is moving in the right direction. By dealing with the situation in frank, straightforward terms, and by vocalizing its obvious concerns, the administration is stregthening, not weakening, its bonds with the student body.

The Middlebury Campus welcomes readers' comments. Letters must be limited to 250 words and submitted by Monday at 5 p.m. to appear in Friday's issue. Letters must be signed by the author and include a return address and telephone number. Psudonyms will not be published. All letters are subject to editing for clarity and length. Address letters to: To the Editor, ***The Middlebury Campus***, Drawer 30, Middlebury College, Middlebury, VT 05753.

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OPINIONS

U.S. shouldn't play Soviets' game

By Marc Solomon

At a time when tensions between the East and West seem to be at an ebb, the Soviet's mishandling of the Zakhorov Case should not be seen as a great frustration to Americans, but as a necessary obstacle to a Reagan-Gorbachev summit and to arms agreements. While some criticize the Reagan administration for not recognizing the probability of Soviet reciprocation in jailing Soviet spy Gennadi Zakharov, the Soviet tactical error of arresting American correspondent Nicholas Daniloff in Moscow just a week after Zakharov's arrest on similar charges has backed them into a corner in which they must essentially admit duplicity before the United States can accept any arms agreement.

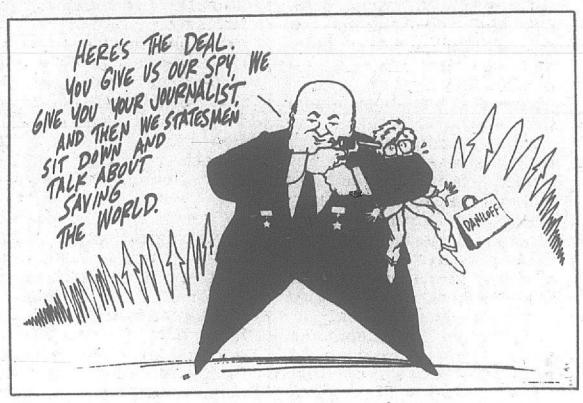
The Soviets have furthered the intransigence of the Daniloff situation by directly rebuking a letter which President Reagan wrote to Mr. Gorbachev in which he firmly denied that Daniloff was a spy. By continuing to turn over what they call 'new evidence' linking Daniloff to a CIA investigation of Soviet actions in Afghanistan, Gorbachev has singlehandedly put the chance for a summit on hold and has severely limited the possibilities for the Soviets to "change their mind" after observing the appropriate seriousness which the Administration has given the situation.

As a result of Soviet mishandling of this situation, the Administration, though it wants an arms agreement, must not accept any deal in which it appears that Daniloff was a spy. Obviously, this includes any kind of trade of Daniloff for Zakharov. Moreover, if the Soviets release Daniloff, the Reagan administration must be sure that the Soviets are unsuccessful in asserting that the case is an unnecessary obstacle to talks on weapons reduction and that they are acting from a mature world view, compared with the childish importance which Americans are placing on the case.

By accepting the release of both Daniloff and Zakharov to their respective embassies, the Administration has already linked the two cases and may have given the Soviets the impression that they are willing to negotiate the case in exchange for a summit. To insure both the safety of US citizens in the Soviet Union and the ability of the United States to prosecute or export Soviet spies in the US, the United States must make no further consessions.

This does not mean that America cannot prepare for a summit with the Soviets when Daniloff is released, as Secretary of State Schultz and Soviet Foreign Minister Shevardnadze are doing. We must not ignore the realistic opportunity at hand to agree to the first mutual dismantling of missiles in the history of nuclear weapons. Moreover, it appears as if Gorbachev will change his mind about the Daniloff case, considering his apparent desire for an arms agreement which he has displayed by no longer linking reductions in missiles to stoppage of the US strategic defense program and by agreeing to NATO on-site inspection of Eastern European forces in the recent NATO-Warsaw Pact agreement.

In the final analysis, however, until Daniloff is unconditionally released, the Reagan Administration must make sure that the Soviet's understand the importance of this case by not agreeing to any kind of summit. As Senator Daniel Patrick Moynihan said on "Meet the Press" last Sunday, by going to a summit with the case unresolved, Reagan would be meeting "with the man who's called him a liar," thereby accepting Gorbachev's assertion. As Americans, we must not be overanxious to go to the bargaining table with the Soviets, for if we acquiesce in this case, we will be putting our citizens travelling to the Soviet Union in danger and giving up our right to apprehend Soviet spies without expected retribution, while putting into question the word of our president and the willingness of our country to stand up to its principles when we sense our liberties being threatened.


HERE'S THE DEAL. YOU GIVE US OUR SPY, WE GIVE YOU YOUR JOURNALIST, AND THEN WE STATESMEN SIT DOWN AND TALK ABOUT SAVING THE WORLD.
DANILOFF

Midd has a drinking problem

By Mark Pomfret

Today marks the fourth weekend of the 1986-87 school year here at Middlebury. For some of us, it means a weekend of studying and catching up on assignments. However, for the majority of students, today is the start of a forty-eight hour period when they are basically free to do whatever they want. Yet, I truly wonder whether or not that freedom applies to everyone here on campus.

As a resident in a freshman dorm I have noticed a disturbing trend which has occured the past three weekends. While half of the first year class has met the requirements for the new drinking age, there is a whole other half who do not. This ultimately means that only one part of the class is legal to go downtown, attend fraternity parties or at least be "wherever the action is". For the other part these weekends have meant staying home in the same old dorm room drinking among themselves. As a result of this lack of an alternative place to go and either dance or socialize outside the dorm, these "deprived" students have turned to alterior methods of using up their energy. These measures have included in recent weeks smashing of bottles, the breaking of windows, the overturning of garbage cans and playing stereos at unbelievably high decibals. Thus for those of us who look forward to coming home to a goodnight's sleep, the chances of actually getting one are slim to none.

Now I'm not condoning this type of behavior for I realize that there are numerous non-alcoholic activities going on during the weekends such as movies, exhibits and concerts. Yet, I also can't blame the students whose parents didn't realize eighteen years ago that if they didn't have their child by July 1 of that year, the kid wouldn't be allowed to legally drink in this state for the next three years. Based upon these premises I thus turn to the administration to ask what can be done to rectify a growing problem.

Two years ago the much heralded "21" Committee came out with a study of how Middlebury would deal with the imminent change in the drinking law. However its best idea, a proposed student center which would hold dances or concerts every weekend, will not be completed until 1988 at the earliest. Yet more importantly, other than that single long term proposal nothing has been done to give these students the same opportunities enjoyed by those of us privileged enough to drink. So today like the previous three weeks Middlebury is left without a proper alternative for those 250 students in the freshman class who are not "legal" to drink. One can only hope that this weekend turns out different from the rest.

LETTERS

Inconsistencies in Zaccaro article

To the Editor

There are a number of inconsistencies in Kevin Barry's article, "Zaccarro drops out". the first inconsistency is the wrong spelling of Zaccaro's name in the headline and in the second to the last sentence of the article. More important inconsistencies lie within the contents of the article. In the third paragraph of the article Barry states:"an undercover police officer purchased a quarter gram of cocaine from him." In America a person is assumed innocent until proven guilty. So I believe that the word "allegedly" should be inserted between the word "officer" and the word "purchased,"like it is later on in the article. Futher on in the article Barry states:"Another attempted to supress evidence gained by the under cover officer to whom Zacarro sold the alleged contraband." Now is the contraband alleged, the sale, or both? Suppress is also spelled with 2 p's. Where do the answers lie? Napal?

Jay Kahn '87

P.S. John Zaccaro is a history major not a political science major.

REMINDER

Sophomores, Juniors, and Seniors should be aware that completed winter term internship applications are due to Ms. Blodgett in Old Chapel no later than Friday, September 26 (Today!).

Wonnacott urges responsible action

To the Editor

This past weekend there were a series of "parties," some unregistered, some having alcohol beyond the amount approved, some creating noise and mess beyond reason. The resulting damage was considerable and totally unacceptable. I don't think that the answer is hiring more Security officers, but rather would hope that a sense of obligaton to and respect for the entire community could be induced - for those who would like to sleep, for those who work hard to make things attractive and then have the task of cleaning and repairing, for parents who ultimately have to pay the bills, for those who contribute money to make this a nicer place. for those who teach and have affection for this place and its students. It demeans all of us when we have been unable to create an atmosphere that promotes care and civility. I hope that we can engage this as a community.

Erica Wonnacott

Bread Loaf Orientation '86

By Matt Iler

Freshman Orientation was a great success! In the words of Dean Wonnacott "they really participated with great enthusiasm and energy." It seems that everyone had a good time. Orientation was a different this year in order to meet the needs of the new class, and also due to advancements in the orientation system. Some unique issues face the class of 1990 as they look towards the next four years.

Prior to 1984, orientation consisted of a big cookout, followed by a dance-party. According to Old Chapel this was neither exciting, nor productive. As a result Dean Lindholm and Frank Kelley developed the present system, which was initially used with the class of 1988.

The current orientation attempts to create situations in which students can relax and get to know each other in a comfortable and natural setting. Half the class at a time spends the night at Breadloaf, where events include group hikes, exhibitions by the Mountain Club, Mischords and D-8 recitals, a square dance, and panel discussions concerning a book which has been circulated during the summer.

The new system has been well received, and this year's participation was the most enthusiastic and positive thus far. Students, faculty, and administration all considered the week a success, and found it a comfortable way to break into the academic year. This year they spent a little less time on the mountain than before, which allowed time to return and meet with advisors. In addition, the whole class joined together for a cookout on their first day.

This years freshman class is large, with 545 students; geographically it is a diverse class with quite a few foreign students, and students from all over the states, and has an average in test scores a bit higher than last year's class.

An unignorable issue affecting the incoming Freshmen is the rise in Vermont's drinking age, which designates a staggaring 45% of them underage. The administration hopes that, as was apparent at Breadloaf, students can enjoy themselves without alcohol. Fortunately, many opportunities for recreation, such as the Breadloaf area and surrounding mountains, are available both on campus and around the college. Also, the planned Student Union, which will stand where Hillcrest is now, is hoped to become a center for social gatherings. Similar schools, such as Williams and Amherst, have dealt with this issue for years and had no substantial difficulties, and hopefully Middlebury will not be an exception.

College Shorts

By Dwight F. Garner

Yale sit-in

Two days after the inauguration of new president Benno C. Schmidt last Saturday, fifteen Yale students were arrested after they occupied the university's investment office to demand that the school divest all of its holdings in South Africa. Yale currently has a policy of partial divestment.

The demonstrators began their sit-in after the school's governing body, the Yale Corporation, failed to discuss aparthied during its Monday session.

Although Schmidt, who's innaugural address championed free speech, had no immediate comment on the arrests, the school's secretary, John Wilkinson, told the New York Times that "Disruption (by force) is purely and simply antithetical to the values of the university."

Peter Dwoskin, editor of the Yale Daily News, told the Campus that the issue is destined to be a hotly debated one again this year in New Haven.

Hazing video

The fraternity system in American colleges has grown dramatically during the Reagan years, and one troubling side-effect of this growth has been a marked increase in the number of hazing-related deaths and injuries.

In response one national fraternity, Alpha Tau Omega, has produced "Hazing on Trial," a videotape distributed to all of its chapters.

According to Vicky Garza, a secretary for the fraternity, the tape depicts a hypothetical courtroom scene in which a prosecutor questions a student following the death of a fraternity pledge in a hazing.

Twenty copies of the tape have been sold (at a price of $30.00), Ms. Garza said, and copies are still available from Alpha Tau Omega fraternity, 4001 West Kirby Avenue, Champaign, Ill. 61821

VISA, MC accepted

Graduate and continuing education students at Anna Maria College in Paxton, Massachusetts can register for courses by calling ticketron. According to Sister Paulette Gardner, Public Affairs Officer for the small Catholic liberal arts college, the system has thus far worked quite well.

"Students simply call up the local ticketron office and register over the phone," she said, adding:"they have to use Visa or Mastercard, of course."

The average 3-credit course at the college costs approximately $300.

Anti-apartheid raid

According to an article in The Chronicle of Higher Education, three Johns Hopkins University undergraduates were convicted of arson and conspiracy to commit arson last week for the May firebombing of an anti-aparthied shanty that students had constructed on the campus. A student occupying one of the shanties was burned in the incident.

The convicted students, the article says, were members of the Delta Upsilon fraternity. The university has expelled the three students and has withdrawn its recognition of their fraternity.

Fraser

continued from page 1

to "initiate, in the context of a suspension of violence on all sides, a process of dialogue across the lines of color, politics and religion, with a view to establishing a non-racial and representative government." The Commonwealth group pursued this goal until in May 1986 South Africa touched off incursions into the neighboring nations of Botswana, Zimbabwe and Zambia. This apparently brought the group to the conclusion that economic sanctions were the only peaceful means by which constructive change could be effected in South Africa. This decision was spelled out in their report, to Prime Minister Thatcher, entitled **Mission to South Africa**. Which, incidentally, is on sale in the college bookstore.

Fraser's presentation, "South Africa: A National Collegiate Symposium," will be broadcast nationally over American Public Radio Network, live from Mead Chapel. The symposium will be in two consecutive parts of one hour each. The first part will include Mr. Fraser's thoughts and findings as well as a discussion amongst the invited guests, who are comprised of, not only well known persons with opposing viewpoints, but also representatives from other colleges as well as members of our college community. The second hour will entertain an exchange between the panel, including Mr. Fraser, and the audience, both those in Mead Chapel and people listening nationwide who will have access to the symposium over open phone lines.

The overall focus of the symposium will be on what Public Relations Director Ron Nief termed, "the institutional and governmental response to the recent developments in South Africa." The aim of this forum is to foster constructive dialogue and what President Olin Robison termed, "... a continuing examination of the complex issues that are part of this upsetting story."

This nationally broadcast forum is only part of the continuing efforts by Middlebury College to further the analysis of the goings on in South Africa. Other measures in this regard, by the college, include sending Professor of History, and African specialist, John Spencer as part of a delegation visiting several South African universities. In addition three "non-white" South African students will be matriculating at universities there, this Fall, as representatives of Middlebury scholarships. The scholarships were provided through funding orchestrated by both students and faculty. The money raised was matched two to one by the Board of Trustees.

Mr. Fraser's presentation on October 8 will be his first to a collegiate audience in the United States. The former Prime Minister secured his invitation from President Robison at a meeting in Los Angeles, California.

Task Force

continued from page 1

use. "Lectures don't have great impact and 'get straight' talks just don't work at the college level."

Lindholm will meet with Sister Elizabeth Candon next week to begin scheduling and planning meetings. The hope is that the task force "will bring together all elements of the campus, making public their urgent concern with drug abuse and providing a forum for discussion which will lead to an agressive and human response to this problem.

IBM, Apple, and AT&T market their wares

By Joe McVicker

Middlebury College has finally done something 100% right (and I'm not talking about microwaves in the dining halls). Many colleges allow students to buy computers from one manufacturer at a discount, but Middlebury is one of the very few schools where you can buy the Apple, IBM, or AT&T computer of your choice at the absolute lowest prices. This deal took months to put together but the wait was obviously worth it – the college community filled Proctor Lounge September 15th to pick out the microcomputer of their choice. The computer fair was as a chance for everyone to see, touch, and learn about the computers that are for sale to students and faculty this fall.

Apple computer put on the biggest show and was by far the busiest exhibitor. On display from Apple were several Macintosh Plus computer systems. The reps allowed and even encouraged people to try the computers and many did. Apple had plenty of free information to hand out on both software and hardware for the Mac. Of the three companies, Apple seemed to be the only one that knew how to appeal to a college community while not making their computers look like toys. Prices for Macintosh systems range from $999 for a Macintosh 512Ke model to $1299 for a Macintosh Plus.

In marked contrast to Apple, IBM conducted themselves in a very businesslike manner. All the reps were in dark suits with white shirts and conservative ties. They were friendly and knowledgable but did not make students a comfortable as the Apple people did. Because there are so many different IBM systems available (PC, XT, AT, and Convertable), and all with different options, the IBM table was covered with computers and peripherals. Prices for complete IBM systems range from $1100 for a PC with a monochrome (black and white, no graphics) monitor all the way up to $4200 for a loaded PC AT with color.

The table that attracted the least amount of attention was AT&T. They, like IBM, looked very businesslike and seemed unprepared to deal with college students. Many students also thought that the AT&T computers were more expensive than similarly equipped IBMs. The entry level AT&T is twice the price of a comparable IBM; however, higher performance AT&T computers are less expensive and come with more built in features than IBM's.

The college store has order forms and will accept orders for computers until September 29th. Once all the orders have been compiled, they will be passed on to the manufacturers and delivery should be sometime before October break.

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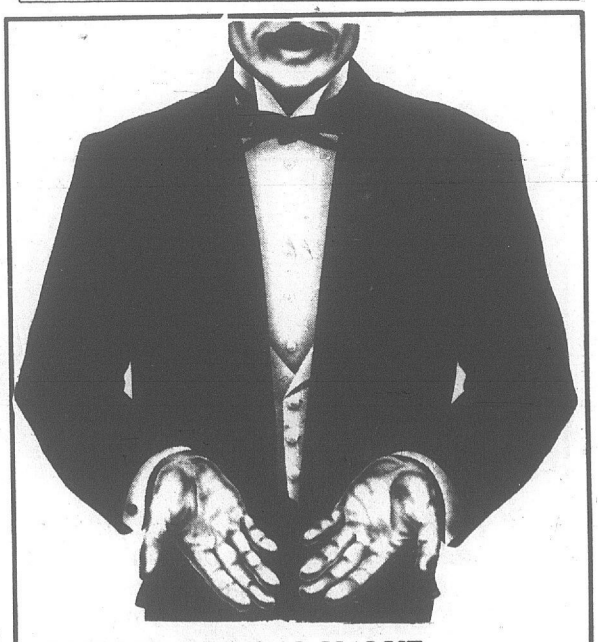

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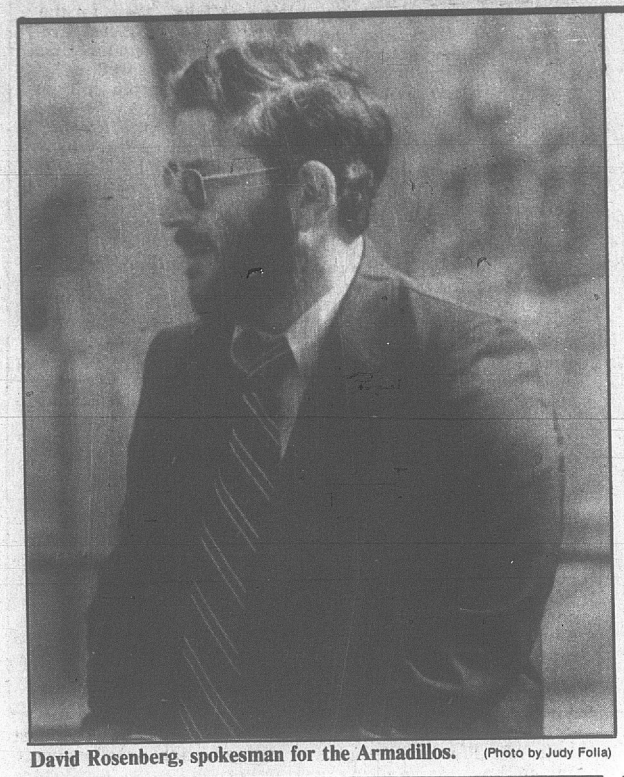

David Rosenberg, spokesman for the Armadillos. (Photo by Judy Folla)

A look at this year's Student Patrol

By Barb Matusik

Looking for a way to make easy money? Student Patrol just might have a position for you. No experience is necessary; students only need to show up at a meeting and give their names.

The job involves running the game room, movies, lectures, and directing traffic at football games."This is the easiest job you'll ever have," joked Dudley Otley, student patrol organizer, at the Sept. 16 meeting. Actually the job may not be as easy as it appears at first glance. "The job is pretty unstressful on weekdays, but at popular weekend movies you're bound to have problems with beer, etc.," said student patroller David Muhlbaum.

At movies and lectures, the worker is required to make sure no food or alcohol is brought in, count the number of people going in, and clean up any debris left after the show. In the game room, the worker has to turn on the video and pinball machines, make sure they're in working order, issue any additional equipment, keep food and alcohol out of the area, and make sure no one but Middlebury students use the room. For football games, the student patrollers direct traffic and keep people from parking in the wrong area.

The walking patrols that could be seen around the Middlebury grounds in the past have been eliminated. They were ineffective, according to Otley. "They only reported a few problems and several people abused the privilege by not showing up for their shifts."

The job pays minimum wages, as do most campus jobs. However, the hours are flexible in that the worker can choose the shifts he wants and can switch then with other workers if necessary.

There are still a few slots open for the next couple of weeks. Interested students should contact Student Patrol organizers Amy Meakly or Dudley Ottley at extension 9019, or leave their names in the security office. The next student patrol meeting is planned for October 21 at 7:30 in the Munroe faculty lounge when positions will be given out for the time up until Christmas.

Armadillos protest apartheid

By Paula Carlton

Ever since Reagan's re-election, Political Science professor David Rosenberg has often needed a way to air a myriad of political frustrations. His solution can be seen in action Fridays at noontime, when he is joined by many other faculty members, students, and staff of Middlebury College, who together form a group known as the Armadillos. What is it that they do?

"Initially we started reading poetry," says Rosenberg, and it was upon reading a poem by Nicaraguan Minister of Culture Ernesto Cardenal, "Ecologia," that the group came upon the word "armadillo" and decided to use it as their name. " I didn't like it," Rosenberg remembers, "and I still don't very much, but it does get attention." Three years after their formation, this is evidenced by the Armadillos' continued ability to raise interest in communication on campus about important political issues.

In the past the interest was focused primarily on Central America, and the sanctuary movement in particular. Lately, though, the basic issue that the Armadillos have dealt with is apartheid in South Africa. Attention shifted there last year, motivated by a full page ad protesting apartheid that appeared in the first issue of the *Campus*. The ad, says Rosenberg, "took hold far more than we could have ever imagined," and as a result many people previously unaware of the gravity of the South African situation took an interest in what was going on.

Now that Middlebury has divested from South Africa, some fear that the school has ended its protest againt apartheid there. Rosenberg disagrees, stressing that ending apartheid is "still important to us. Apartheid violates our own... universal principles." Although he says that "we do plan to go on to other issues as well," protesting apartheid is far from over for the Armadillos.

The group's most essential medium of protest is communication, and last Friday communication about apartheid continued at the Armadillos' first lunchtime discussion of the year. "South Africa: the Real Story" featured four guest student speakers from South Africa, each of whom told a group of some forty people about the current struggle against apartheid in their native country. Senior Tebogo Nyezi, the first to speak, stressed that "it is difficult to find out information..., the real story," and that in the year that he has been gone he has already lost touch with his family and friends in South Africa.

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Restricted communications are not the only problem for blacks in South Africa, however. Bhekithemba Ngwenya spoke of the difficulties a black encounters trying to travel. "You can only get jobs in certain parts of South Africa," he said, and one must get special permission, usually denied, to try to change jobs. Furthermore, he added, "you have to tell the reason why you want to go abroad," again having to obtain special dispensation in order to leave the place where one lives. Ngwenya, appropriately angered by the atrocities he described, ended his talk with a simple but very strong message: "We want the same opportunities,...(given) on the basis of merit, not kind."

Jabulani Nhlapo, the third speaker, also spoke of opportunities, saying "black South Africans are increasingly dissatisfied with the unequal quality of education in South Africa... the system has frustrated people and kept them from advancement." He noted that "even today, there is no change in South Africa," a fact that Therese Oliff, the only white speaker of the group, also emphasized. Although "the majority of whites don't consider themselves to be racist... the white is in the position of superiority," she said, thereby making negotiations futile because the white minority will not give up its stronghold over the black majority. "His (Boetha's) only interest at the moment is keeping his party strong," she explained, forewarning of an imminent fall of the white government: "It will all come about by violence - it *is* coming about by violence."

Crop Walk marches against hunger

By Jennifer Humphries

Did you know that twenty-eight people die of hunger every minute? And that hungry children from poor countries are sick 160 days out of the year? And that people in richer nations, 25 percent of the world's population, eat 67 percent of the world's food? And did you know that there is something you can do to help combat this problem?

It is called the Crop Walk, a hunger appeal to the nation's communities by the Church World Service. This organization is in existence because it knows that in many parts of the world, half the children born die from diseases that could be prevented with the provision of safe drinking water. Nearly one billion people suffer from malnutrition despite the fact that enough food is being produced in the world to feed everyone. But the sad truth is that in spite of this plentitude children born in richer countries consume twenty to forty times more than children born in developing countries. Contributing further to this problem are the four percent of the world's landowners who own half the cropland. The smaller farmers, who cannot compete, go out of business and have no way to feed their families. Three hundred and fifty million people are jobless and therefore hungry. Many of these people are refugees on the road looking for a home.

The Church World Service not only devotes itself to meeting human need around the world through the feeding of the poor but also in directing money, materials, and personnel toward self-development projects. The education the Church World Service gives underdeveloped communities in health, nutrition, water resources, agriculture, housing, and family life has gotten many of them back on their feet. More than seventy countries receive aid this way. The organization also responds with swift emergency assistance to areas suffering from natural disaster or social upheaval. Another important part of the Church World Service is educating the American people to better understand the problems of underdeveloped countries in order to be able to help them more efficiently.

The Church World Service receives its resources from member churches, other organizations, community groups, and from the U.S. government whose support is mainly in refugee resettlement grants. But the main contributions come from community appeals like the Crop Walk. Walkers in 1,600 communities get pledges from sponsors who agree to pay a certain amount for each mile a participant has walked. Out of every dollar raised, 86.7 cents goes to assist people. In addition, separate communities may elect to have 25 percent of their revenues used in local hunger prevention programs.

Crop walkers themselves find special significance in walking because it helps them identify with those who must walk several hours a day to get water or who must walk fifteen or more miles to reach school or medical facilities. Crop walkers raise funds for well-digging and road building; they walk a little so others won't have to walk so much.

Middlebury has participated in the Crop Walk for the past eight out of its thirty-nine years. The coordinating committee of volunteers is headed by Ann Ross, a resident of Addison County. The walk this year is on Sunday October 5th at 1:00. It starts in town at the gym across from Lyon's Place and goes for ten miles. Walkers are invited to walk for a portion of the course or to go the whole distance. A running race is also associated with it; registration is any time after 12:00. Last year 500 town members and college students participated, raising $18,800. This year $20,000 is expected. Most of this money goes to self-help development programs abroad but 25 percent goes to food shelves right here in Addison County.

What can an individual do about world hunger? Learn about it, get involved, and participate in the Crop Walk. Even the money one person raises will make a difference. Letting other people know about it, passing out literature, and getting friends to walk are all excellent ways to make a contribution. The more people walking, the more people the Church World Service can help.

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SCIENCE

Kathy Gingerich, center, takes Gligi class out on Lake Champlain with the "Brew B." boat. (Photo by Amy Bucher)

Launching the 'Brew B'

By Urszula Kotlow

Kathy Gingerich is a new visiting professor with the geology department. While studying geological oceanography at Old Dominion University in Norfolk, Virginia, Gingerich evaluated the evolution of barrier islands and associated inlet and marsh systems to predict the geographic development of these areas. The purpose of her research was to determine how to protect coastal areas from beach erosion. This erosion results from improper placement of engineering structures, i.e. jetties and sea walls.

This type of study is of special benefit to developed barrier islands, such as Ocean City, New Jersey. Before erecting hotels along the coast, developers bulldozed the sand dunes that protected the coastline on the island from erosion.

By studying the morphological response of the coast to wave and storm conditions, geological oceanographers can calculate how and where man-made sand dunes should be built to counteract the erosion process.

Gingerich also collected vibracores, 30 foot tubes of vertical sediment from the ocean floor. Through foraminiferal analysis, she was able to determine how the sediment environment reflects the rise in sea level that has occurred over the last 18,000 years.

Foramines are one-celled marine animals. Different foramines will inhabit particular environments such as marshes, intertidal zones, etc. Studying the species distribution found in the sediment reveals the geological past of the environment where the sediment core was extracted. Gingerich hopes to use this technique to determine how Lake Champlain, once connected with the ocean, transformed from a marine to a fresh water environment.

The geology department recently acquired a boat known as the "Brew B.," named after Brewster Baldwin, professor of geology. Since it is specially equipped for sediment analysis, many new studies can be undertaken of an interdisciplinary nature. The equipment includes an echo sounder, a Ewing piston corer, a grab sampler and water bottles.

The echo sounder is a sonar device that gives out a signal and can record the sound as it bounces back from the bottom of the lake. By knowing the sound's travel time and the velocity of the sound in water, the depth of the lake can be measured at various points. A contour profile of the lake's bottom can be constructed, called the bathimetry of the lake floor. This process can also be used to detect the thickness of sediment layers, from which one can deduce the geological history of the sediment floor.

The Ewing piston corer consists of an 80 lb. lead weight with a tube attached that contains a piston. The piston acts as a syringe, creating a vacuum so that a six foot column of sediment can be withdrawn from the bottom of the lake.

The tube of sediment can be x-rayed, yielding a density gradient pattern distinguishing layers that reflect different time periods. Microscopic fossils and various pollens in the sediment reveal the succession of vegetation in the Lake Champlain region. For example, with the arrival of Europeans, the sediment became pollen rich due to the agricultural cultivation that replaced the hardwood forests once dominating the lake region.

The grab sampler is like a mechanical claw, scooping up surface sediment from the lake bottom. This is a far easier method of obtaining samples of sediment than using the piston corer. This device makes it possible to chart the distribution of gravels, sands, and clays covering the lake floor. For example, rivers from Vermont carry clay into the east side of Lake Champlain, but the clear rivers from the Adirondacks on the west do not deposit clay into the lake. This is a consequence of the more agricultural nature of the land east of Lake Champlain.

Water bottles can be dropped into the lake to collect water samples from specific depths in the lake. Several water bottles can be strung in sequence to simultaneously obtain water samples from various depths. Comparative data can be gathered by analyzing the water at different depths, such as differences in types of organisms living at certain depths, changes in water temperature, suspended sediment, and nutrient availability can all be determined. Also, the distribution of chemicals at various depths such as nitrates, phosphates, oxygen, and sulfates can reveal the dispersion of pollutants in the lake.

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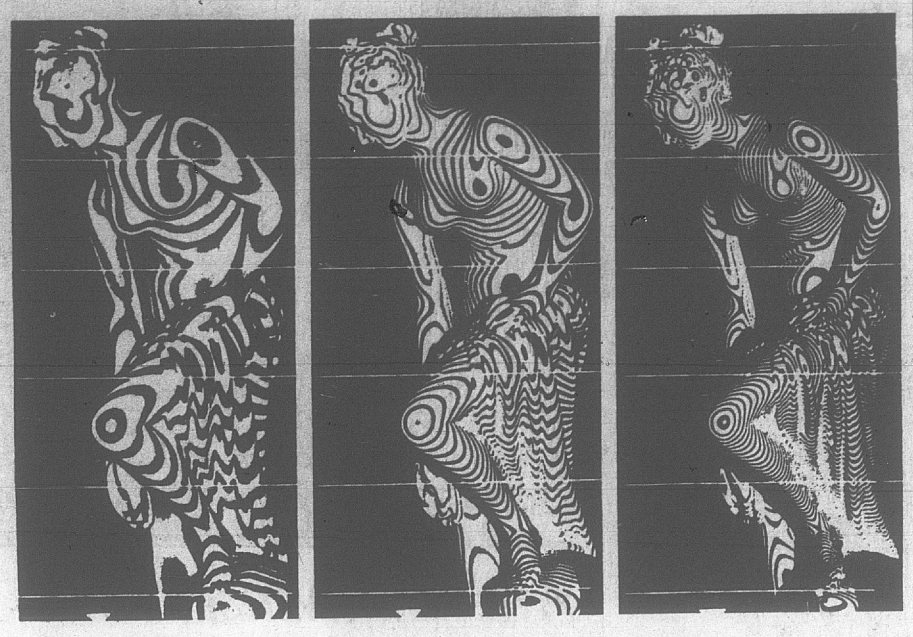

Holographic interferogram of a statue. The zebra-like stripes show zones of stress and help determine weak spots. (Courtesy of *Holography in Medicine and Biology*, edited by G. Von Bally)

Holograms come to Middlebury

By Ed Seidel

Holograms have now become a commonplace technological item in our society: we see them on credit cards, the covers of magazines, and on second floor of Middlebury's Science Center. Yet with all this exposure very few people know how holograms work or their myriad other uses besides the novelty-type item normally seen.

Contrary to what is normally thought, holography has actually been around for a fairly long time. The first hologram was conceived and created by Dr. Dennis Gabor in 1948 in an attempt to improve the resolution capabilities of the electron microscope. These first 'holograms' looked nothing like those of today and were on the whole very crude. This was due to the fact that, at that time, there didn't exist a light source capable of producing the proper kind of light needed for holography.

Gabor's work went mainly unnoticed for the next 13 years until the invention of the laser. The laser was able to create light with the special properties needed for holography. With the advent of the laser, the whole field of holography, as we know it today, began.

A hologram works by storing all the information of the light coming from an object onto a photographic plate. This is the difference between photography and holography. A black and white photograph only shows the amplitude, or brightness, of light--this renders only a two dimensional image. Since a hologram stores all the informaton of light (i.e. brightness and direction of light), it produces a three-dimensional image in contrast to the two-dimensional photograph. This is done by taking a laser beam and splitting it in two, an object beam and a reference beam. The object beam is then spread out and shines directly on the object. We are able to see the object because light reflects off it and enters our eyes. This 'wave' of light coming from the object is known as the 'wave front'. If the wave front is intersected by the reference beam, a very special interaction takes place called interference. It is this interference that contains all the visual information of the object. A photographic plate is then placed where the interference occurs in order to record it. When light is shone onto the plate under the proper conditions, the wave front is recreated and a three dimensional image can be seen (see diagram).

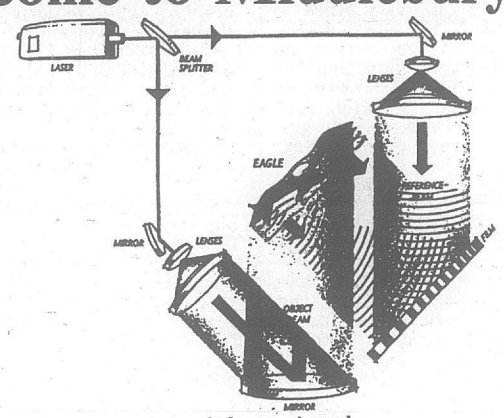

Diagram showing how a hologram is made. (Courtesy of *National Geographic*, March 1984)

Perhaps one of the more interesting aspects of holography has been in the field of philosophy. Physicists have found remarkable similarities between the way holograms work and the way in which the human mind preceives the universe. After all, the universe that we see could be nothing but a "solid hologram". As the physicist Marylin Ferguson, a leader in the field of holographic philosophy has stated,"the brain is a hologram, interpreting a holographic universe."

Perhaps one of the more interesting and exciting aspects of holography lies in its almost inexhaustible number of applications. For example, one of the major uses of holography is a technique known as holographic interferometry. This involves taking a double exposure hologram of an object, the first exposure at rest and the second under some slight strain. This strain could be induced by a small weight placed somewhere on the object. The hologram that is produced shows zebra – like lines that indicate where the stresses are occurring in the object (see photograph).

For example, a double-exposure hologram could be made of a tire to show the weak spots in the rubber without having to destroy the tire. This is why holographic interferometry is also know as non – destructive testing. This technique has found many applications in both the engineering and medical fields, testing everything from the strains on jet wings to the strain on the human body due to different postures.

It has also found much use in art and architecture for detecting weak spots in a statue's arm or a building's roof without having too much strain on them. Much work in holographic interferometry has even been done here at Middlebury College by physics students studying the effects of vibrating surfaces.

The applications of holograms are limitless. Holograms help to prevent forgeries of credit cards by making them difficult to copy or alter. Works of art can now be preserved in the form of holograms. This not only protects them from the ravages of time but also allows three – dimensional images of the piece to go on tour without having to move the original. The UPC symbols, those vertical black and white bars on grocery boxes, are read by a holographic device.

Within the next 20 years we may be seeing holographic movies. A simple example of what such a movie would be like can soon be seen by a holographic display on the second floor of the Science Center. This type of hologram, known as a holographic stereogram, resembles what three – dimensional movies may be like. The only thing holding back the invention of such things as this, holographic television and telephones(which would allow one to see a 3 – D image of who you were talking to) is a lack of better lasers, finer photgraphic films, and faster computers.

Midd.'s E.Q.

By Leslie Virostek

Middlebury's Environmental Quality group, known as EQ, is a relatively little-known organization on campus. Most people know vaguely that this is the group that collects newspapers for recycling, but recycling is not all there is to EQ. Members want to educate themselves and other students on such environmental topics as acid rain, energy conservation, and the preservation of wildlife. According to the president of EQ, "Often significant legislation about these issues comes up, but people don't do anything because of their ignorance. Once they know the facts, they can, for example, write to a representative to influence environmental legislation."

The EQ members educate themselves by reading current literature on environmental topics, and by attending lectures and conferences. For instance, last spring three EQ'ers attended the annual New England Environmental Conference at Tufts University. There, they were able to listen to such

continued on page 8

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ARTS

Concert Series:
Pulling the strings of an 'Everyman'

By Jan Gray

David Syrotiak's Natonal Marionette Theatre production, "In Concert," (the first of Middlebury's College Concert Series) which took place at Wright Theatre Saturday night, was a delightful and impressive performance. I can understand perfectly why Syrotiak's company was the first American marionette company to win a citation for excellence from the U.N.I.M.A.(Union International de la Marionette).

The program consisted of a series of short, independent episodes in which Syrotiak skillfully manipulated his marionettes. Syrotiak performed his one-man show in full view of the audience. Though intentionally calling attention to the artifice of his creation, his presence did not detract from the effectiveness of his illusion; in fact, in one episode, "The Skater," he even interacted with his stringed companion. "The Skater," played by a young male marionette, enlisted his manipulator's aid in donning his roller skates. The puppet continued to interact with Syrotiak throughout the thoroughly entertaining skit. When the skater seemed to get too confident, his master did not hesitate to give him a sly kick.

Syrotiak often relied on his sense of humour when developing his skits. The audience was left in stiches as they watched a skinny little blonde ballet dancer at her first recital (a scene familiar to many). Other particularly funny scenes included: "In the Park," in which a chubby mild-mannered middle-aged man is first flustered by an animated flower he wishes to pick, then hounded by a homeless bedraggled puppy; and "Fred'A Bear," in which a dancing bear gracefully performs a variety of famous dance steps.

Two of the scenes, "The Final Remembrances of an Old Woman," and "Reflections," had more serious themes. Both were stirring and provoking. In "Final Remembrances", an old woman is haunted by the memory and ghost of her lover. When his ghost approaches her, to dance as the, once had, she is limited by her feeble body. At the dramatic climax, the old woman dies but her spirit is freed. Her own "Ghost" dances out and joins her lover in immortal bliss. "Reflections", the last episode on the program, does not have such a happy ending. This Hitchcock-like skit, accompanied by the eerie music of Bartok, tells the tale of a man who, after fancying he sees visions in his mirror, is ultimately trapped inside it himself. This final scene, although chilling, did not put a damper on the evening. It only added to the realizaton that marionettes can be used in many diverse ways to convey human emotions and experiences.

The entire performance was a splendid display of talent and artistry. Every move a puppet made was carefully controlled. Even in the shortest scenes the marionettes quickly took on the characteristics of humans.

David Syrotiak perhaps best describes the essence of marionette theatre in the following statement: "Puppetry is a synthesis of the arts: sculpture, design, music, mime, dance, and theatre. And the puppet itself...it is at once an Everyman with no limitations...it is the crystallizaton of the imagination and magic of the puppeteer."

Dodd Attisani

Attisani: Music as a medium for personal expression

By Paula Carlton

Most of us have a very set image in our minds of how an acoustic guitar performance should be. A smoke-filled room, quiet conversations buzzing around in one's ears, and the guitarist in a corner in front of a mike, strumming away. The songs are all quiet and relaxing, in accordance with the traditional acoustic style.

Sophomore Dodd Attisani wants you to forget all that. It isn't that he won't entertain you with terrific versions of acoustic classics such as Van Morrison's "Moondance," or Simon and Garfunkel's "Feeling Groovy." Or that you won't find him playing in the corner of some very loud, smoky rooms, for example at Brew's Panther Pub every Tuesday night. What separates this acoustic guitar player from all the rest is his refusal to adhere to the traditional style expected of every acoustic guitar player in America.

Instead, he says, "I like to take electric music and do it my own way acoustically, ...making it my own." This means rearranging the song by interpreting the feelings there through the sound of his voice, and trying to capture the mood he wants the song to portray through the way in which he strums the guitar. No song is sacred. Attisani has no qualms about playing a slow version of the Police's "So Lonely," any more than he does about doing a fast version of Phil Collins' "In the Air Tonight".

No song is predictable, either. "I do seventy-five percent of my songs different every time," he says, emphasizing that improvisation is the key to his style. His songs change so often, in fact, he doesn't really have to rehearse his songs much to play them the way he likes.

So much variety and improvisation would mean nothing without one crucial element: talent. Having played guitar for four years, alone and in bands, Attisani isn't short on this quality. In addition to the guitar, he also plays saxaphone for Middlebury's Sound Investment. Even without this resume it is obvious, listening to him play, that his musical scope is right on target. In this way he accomplishes a style that a less skilled musician could not possibly produce, much less succeed in.

Another reason for his success if the fact that he enjoys what he is doing. He likes rehearsing and playing alone, calling a band a "big commitment- you always have to be communicating with the other players." Attisani prefers to save that communication for himself, and his audience. "Music is my outlet," he says, "like an escape to another world. I can't always communicate verbally...(but) up there I can communicate with everybody." Perhaps this is why he makes what he does look easy, and fun. For him, "music is the perfect world"; listening to his performances, one can believe it.

'Open' sign at the Zoo

By Beth Zogby

Imagine a Natural History museum on the top of the Hepburn Hall annex. Now take away the specimens of taxidermy, and have some enterprising students transform this emptied museum into a theater-during the mid 70's. What you have is the Hepburn Zoo Theater as we know it today.

The Zoo is home to many theatrical events throughout the year. The director of the theater, Chris Cahill, oversees the 70 seater "black box experimental" stage. He stresses that any students, with any major, or with any or no experience, who simply have an interest in theater, can find a home at the Zoo. Over the years, the Zoo has proved to be a great learning experience for those interested in working on student written and produced shows.

Most of the shows put on at the Zoo make use of limited scenery. Although the Zoo's productions are not professional, they *are* high quality, and Chris Cahill notes that "the shows are modest, but they have the potential to be fabulous." The house is generally packed full for performances.

The Hepburn Zoo Crew, headed by Alex Draper and managed by Lee Rose, is the main group who utilizes the Zoo, but anyone can make use of the theater by scheduling with Cahill; the Zoo is a student theater open to anyone interested. Again, no experience is necessary, and everyone shares duties in the technical and acting areas of their productions.

Three plays are planned for this semester. The first is "Glenngarry Glenn Ross" by David Mamet, and directed by Daphne Gil. The show dates are Thursday-Sunday October 23rd-26th. Showing from October 30th-November 2nd will be a Jonathon Higgins produced show, "Orphans," by Lyle Kesler. Finally, a student written, produced, and directed show, "The Man Who Ate Flies" by Bill Kirby, is set for Friday-Sunday 21st- 23rd.

There are also plans for some improvisational theater, in which the audience watches and participates. Cahill also is hoping for a Sunday evening Radio show, featuring stories with student acted and written pieces.

Radio:
Exiled to the FM dial

By Barry Smith

Recently, my cassette deck began systematically eating my tape collection, spitting out tapes in an unrecognizable form. As a result, I've been forced to listen to FM radio until my hungry deck's appetite is satisfied. I asked my self "What does one listen to in the bustling, high-tech world of Middlebury, Vermont?

If you're a top 40 fan, there are a number of lovely stations to choose from. FM X104, WXTY from Ticonderoga, is "Our generation's station." The station, in a typical hour, offers the listener a choice of Hall & Oates, Phil Collins, Huey Lewis, Phil Collins, Lionel Richie, Phil Collins, Sade, Phil Collins, & Phil Collins. The news generally runs from 9:49 pm to 9:52 pm, following the "Phil Collins Show", 60 minutes devoted to Phil Collins, including some previously unreleased material, such as the rap remix of Run D.M.C. & Phil singing "Home by the Sea."

99GFM, in Saratoga, is a commercial wonder. "Hit after hit, the best song is always on GFM." This daring, avant-garde station airs lots & lots of commercials, and every once in a while, a D.J. is on the air, and plays a song! Most of the time, I believe, the D.J. is in the back room, watching reruns of "Friday Night Videos," to decide what to play in the full three minutes of music between commercials every hour. Oh, by the way, GFM also has money games!! If you're the 999th caller, and have a fifty dollar bill with a 99 in the serial number, twice in a row, dated 1969, you win nine dollars, and a free pass to the Saratoga roller rink on GFM's under 16 nite.

If you're very, verrry mellow and find yourself spending free hours in the dentist's office, there's no need for travel any longer because there's a wide variety of elevator music to be found in the Green Mountain State. On WJJR, "It's always easy." (I didn't get the call numbers of these stations, for two reasons: A. They're everywhere, B. I kept falling despite desperate efforts, into an unconsious state while floating through the miasma of violas, violins, brush drums, and xylophones) WROW, "Music FM", plays hardcore elevator music, for our energetic coffee generation. Some of the songs even have vocal accompaniment by Jim Nabors.

There is one station that I couldn't put into the elevator or Shop & Go category. WCVM 101 in Middlebury is a wonderful Vermont station that resists all classification. I was about to write it off after a song by Air Supply, when they played some old Stones, Billy Joel, Corey Hart, Berlin, and The Guess Who. The D.J. informs me that I should "throw another log on the fire and kick back." Definitely a station to defy all steretypes.

WFQX 102.7, in Manchester, airs a wide selection of music, religiously avoiding Top 40 (A few weeks ago, a gnarled old man wearing a red plaid flannel shirt and a bright orange hunting cap broke into the station carrying an armful of unreleased elevator tapes. He was subsequently throttled by the station manager, and is now resting comfortably and in stable condition at Porter Medical Center). The station plays lots of 60's music, and seems doggedly intent on avoiding the usual run of the mill music encouraged by Casey Casum. Brand new Talking Heads, Van Halen, Pretenders, David Lee Roth, and Joni Mitchell, sprinkled with 60's music, are typical of an hour's listening.

Quality rock & roll can be found crammed at the far end of the dial, on 106 WIZN, "The Wizard of Rock"(such an endearing name, Wizard...), and on WPIX, "Pix 106," "The Rock & Roll Authority." These stations offer a steady stream of rock in the form of Peter Gabriel, Pretenders, Cat Stevens, Jimi Hendrix, Stones, Talking Heads, etc. The two stations offer fruitful diversions from such valueless activities as academics, sports, and other nonsense.

As for the college station, WRMC offers an extremely wide variety of music, guaranteed to suit anyone's taste in music. Nightime programs sometimes cater to the most off-the-wall tastes conceivable, playing highly irregular notes that would make Casey Casum tremble—a positive indication for most college students.

That's all for this week. See you in October, when I'll be reviewing the new Phil Collins album, a tasty morsel for my voracious tape deck.

— OF INTEREST —

By Ann C. Villet

It's Parent's Weekend I, and there are lots of things you can do with or without them. (Just make sure to squeeze in a "real meal" somewhere.) To begin **ON CAMPUS:** Friday, 27-At 4:15 in Johnson Pit, Balcom and Morris (Concert series performers for Sat.) will talk on "American Musical Theater".

Then beginning at 9:00, in the North Dorm Lounge, you can munch and be musical to Tom Irvine's folk music. Saturday, 28 starts at 11:30 with 'Site Pieces' a coordinated dance work with Susan Sgorbati, students and faculty at the squash courts. The first of the Hirchfield's Film Endowment Lectures on "The figuration of TV in Cinema" at 3:30, will follow a screening of "King Comedy" (1:30) in Dana.

For the evening, it will be a tough choice between three great events: The Concert Series presentation of Balcom and Morris "Standards and Rarities" in music starts at 8:00, in Mead ($3.00 with ID). "Salute au Monde" a music, puppet and theater production in the style of The Bread and Puppet will start at 8:00 in Wright. And to add to the dillema, the "College Dance for Parents Students Faculty and Staff" will feature music by the Sound Investment, Mischords and the D-8 also starting at 8:00, in Pepin Gym. -Phew!!

Now **THE MOVIES, THE MOVIES!!** Friday, 26: American Movie Club screens, "Some Like It Hot!" staring Marylin Monroe 7:00, and 9:00 in Dana $1:00. Saturday, 27: MCAB shows "Arthur" at 7:00, and 9:00 in Dana $1.25, and College Street slates "King of Comedy" in Twilight at 7:30. Monday, 29: TH130 has scheduled "Psycho" at 7:30 in Dana. Thursday, Oct. 2: "Diva" shown for CSS 101 in Twilight at 7:00.

OFF CAMPUS The area clubs are active again: "In Pieces" will play at Brew's on the 26, and 27, while "Full Circle" jams in from Europe of Sunday. The Trobulators will be at Hunt's (101 Maine St, Burlington) the 26 and 27, while the "Lar Duggan Trio" heats up for jazz at the Waterworks in Winooski mill. The Comedy Cabaret will make you laugh on the 30th at Hunt's.

UP COMING Next weeks movies are "Hannah and her Sisters" and "Close Encounters" on Saturday. Finally some good things to come: "Jesus Christ Super Star" will play at the Fylnn Oct. 8 and 9, followed by George Winston of the 10th and 11th. And Smokey Robinson at the Lane Memorial Auditorium Oct. 21.

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SPORTS

Panthers drop first game to Cows

By Chris Hiland

Two sophmore quarterbacks, Vermont weather, a great rivalry and to top it off: it's the first game of the season. These are not prime conditions for a football game by any means but nobody ever said that football is an easy game. Vince Lombardi once said...well that's not important is it? What is important is that Middlebury lost to Williams on Saturday by the score 17-7. Both teams had a hard time battling the elements. The deciding factor, though, was Middlebury's inability to defensively control the flat and the flank.

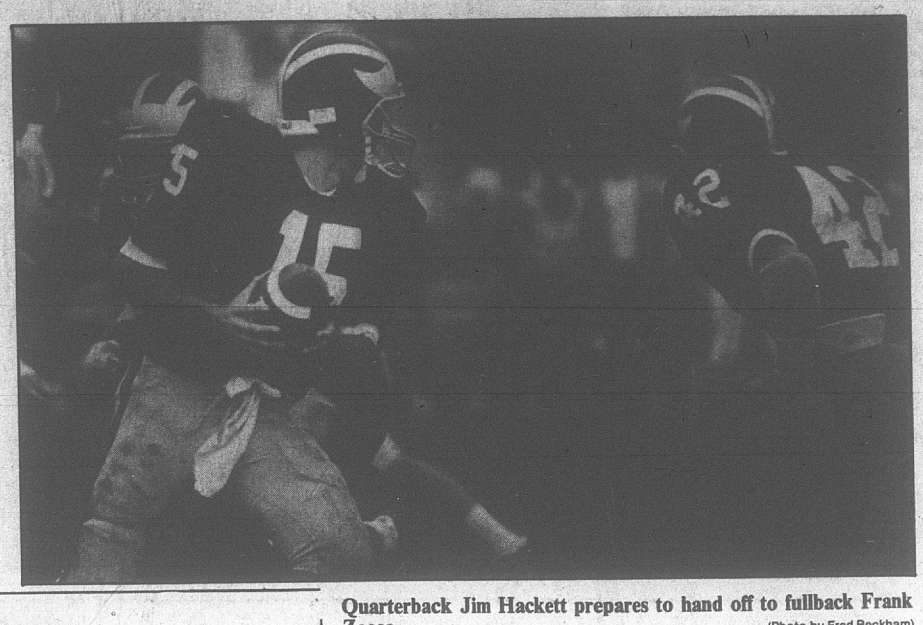
Williams capitalized on this defensive weakness by running sweeps, options and quick down and outs often and effectively. The Middlebury defense played well; they allowed only seventeen points. Another Middlebury problem, however, lay within our special teams. Williams' punter, Scott Powers, punted eight times for a total of 352 yards. Of these eight punts, five were returned for a total of only 60 yards. Once again, not a bad average but not enough to make up for Powers' fine performance.

"... well, that's not important, is it?"
—Vince Lombardi

It is unfortunate that these factors counterracted a fine performance by Middlebury quarterback Jim Hackett. Hackett completed 14 of 19 passes for a total of 105 yards. Hackett's short but efficient style will prove to be effective as this fine young player matures. Middlebury's running was also effective as the Panthers rushed for 170 yards. Led by Frank Zecca, John Castle, and Billy Meagher, the Middlebury backfield should continue to do well this season. All told, Middlebury outshone Williams offensively; Middlebury's offense gained 275 yards to William's 220.

On Sunday, the freshman team launched a strong ground attack against the Williams JV. Led by running back Jim Boyle, the team the Cows 17-14. This first victory for the freshmam team was characterized by an impressive offense which shows great potential.

As the Varsity matures it will undoubtedly improve. It is coached by a fine staff and led by a talented, albeit small, group of seniors. With the experience of one game under their belts, the Panthers are now better prepared to flush the Cardinals of Wesleyan.



Quarterback Jim Hackett prepares to hand off to fullback Frank Zecca. (Photo by Fred Beckham)

Men's soccer now 3-0

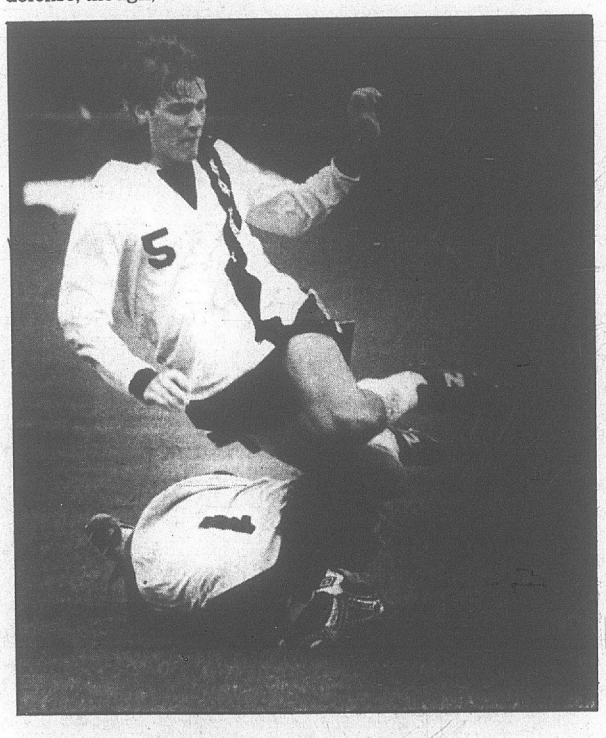
By Mark Hirschfield

An Eric Vigsnes goal with fifteen minutes left in overtime sealed a 1-0 victory over Williams College in Men's soccer's toughest game yet. A certain unwillingness to give up proved key to this victory that lifted the Panthers' record to a healthy 3-0.

"I could have done without the overtime."
-Coach Dave Seward

Frustration marred the Panther offense, as Midd strikers narrowly failed to capitalize on numerous scoring oppurtunities. A stalwart Panther defense, though, stifled an explosive Williams attack. Midd goalie Mike Lounsberry along with sweeper Davis Green orchestrated a strong back four which played safely and confidently. With four minutes left a Chris Parson's cross connected with the head of Mark Hirschfield and as the ball skidded wide of the post.The Panthers and their missed fortunes slipped into the overtime period.

Midd's efforts were rewarded five minutes into the first overtime period. Charlie Fiedler's corner kick connected with Thom Hand's head on the near post. As the ball sailed into Williams' goal region, Eric Vigsnes outleapt his opponent and sent the ball into the back of the webbing. Midd held on for the thrilling victory, but as coach Dave Seward said,"I could have done without the overtime."



Chris Parsons puts pressure on Williams goalie. (Photo by Fred Beckham)

Men's Cross-Country outruns Plattsburg, St. Mike's

By Yale Lewis

The men's cross country team ran a very successful and smart race against Plattsburgh and Saint Michael's last Saturday. The race began slowly. Most of Middlebury's blue jerseys were in the far back, following a swarm of Saint Michael's yellow and Plattsburgh red . In the very front, the top one or two runners from each school jockeyed for position.

Gradually, the pack thinned out and the Panthers began running down their men. It was a process that continued until the last Panther crossed the finish line. The final score was Middlebury 31, Plattsburgh 39, Saint Mike's 53: lowest score wins.

Several factors contributed to Middlebury's victory. Perhaps the most compelling was the weather. It was raining and Middlebury seems to love the rain. "The home course can be a real blast when its muddy," said senior captain Bram 'chicks dig me' Kleppner,"I love thrashing past people on the downhills." Coach Aldrich calls his team "a bunch of mudders." He is assuming the course will be "good and wet this coming Saturday."

Another factor was a strong crop of freshman runners. Frosh Andy Kepes, Steven Fossel, and Taylor Hall placed fifth, sixth, and seventh respectively. Many of the sophomores also ran well. Aldrich said that sophomore Simon Shepherd had an especially good race.

Bob Curtin from Saint Mike's won the race with a time of 29.17. Bill Beebe from Middlebury placed second with a time of 29.36. Beebe is anxious for a rematch at the state meet where he beat Curtin last year.

Overall, coach Aldrich was both pleased and suprised about the race. "Plattsburgh," he said "has traditionally given us problems. It is a strong state university." "We saw a lot of improvement from the first meet. I'm really pleased with the way the men ran."

Ski pass scandal

By Chris Hiland

It may seem a bit early to be worrying about skiing but with our first snow behind us, the season is just around the corner. One recent development involving Federal agencies may be as important in determining the success of this year's season as the amount of snow we receive.

According to a Sept. 14 article in The New York Times, Vermont residents are no longer entitled to discounts on their season passes at four Vermont ski resorts. The Federal Forest Service ruled that in-state discounts on season passes discriminate against out-of-state skiers. This decision stems from a complaint filed with the Service by an anonymous out-of-state skier. Resorts affected by this decision are Sugarbush, Bromley, Haystack Mt., and Mount Snow.

The article did not, however, say whether or not this decision would affect college students' discounts. A phone interview with a Sugarbush public relations official did reveal that college students would not be affected by this decision. The official went on to say that a season pass for the coming season would cost $255 with the price increase reflective of cost of labor increases.

Field Hockey thrashes Wesleyen

By Victoria Vitrano, Kiersten Haskell

Middlebury Field Hockey started the week off rather sluggishly. They tied St. Michael's on Wednesday 1-1 in double overtime, a game in which Coach Missy Hopkinson feels the team in no way played up to their potential.

By Saturday, though, the team was ready for Wesleyan. The team worked hard throughout the week, concentrating on shooting skills. That afternoon, their endeavors paid off in a 5-0 rout of the Cardinals. Five different players scored while the Middlebury goalie never even touched the ball. Co-captain Karen McKeon was impressed with the team's performance and said,"The offense was extremely strong throughout the entire game. Everyone was up for the match and we proved to ourselves that we not only have the ability to win, but also to dominate the opposition."

The Lady Panthers face another tough week, meeting the University of Vermont on September 23 at home and St. Lawrence on the 27th. Why not come out and watch the team avenge last year's loss to the Catamounts?

Middlebury faces off against Wesleyan. (Photo by Fred Beckham)

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EQ

continued from page 5

prestigious lecturers as U.S. Senator Patrick Leahy from Vermont and Dr. Noel Brown, the executive director of the United Nations Environmental Program.

In order to heighten student awareness with respect to environmental concerns, EQ has invited lecturers to speak at Middlebury. For example, last year EQ sponsored a lecture by Monty Fisher, a well-known figure on the Vermont Environmental scene and an expert on Lake Champlain. Last year EQ showed the film "No Nukes." This film documents a series of anti-nuclear power protest concerts. This year, EQ intends to sponsor lecturers and show more films that focus on environmental issues.

According to Strekalovsky, EQ hopes to become an even more visible and active organization in the future. More support and involvement from the College community is needed. Strekalovsky says, "Vermont has long been a state which emphasizes the conservation and preservation of natural resources and the environment. EQ is part of all that. Many students come to Middlebury to take advantage of the natural and rural environment that it provides, but fail to appreciate the importance of working to maintain it."

EQ dinner-meetings are held in the Freeman seminar room on Thursday evenings at 6:00. All are welcome to attend.

'Brew B'

continued from page 5

side of Lake Champlain, but the clear rivers from the Adirondacks on the west do not deposit clay into the lake. This is a consequence of the more agricultural nature of the land east of Lake Champlain.

Water bottles can be dropped into the lake to collect water samples from specific depths in the lake. Several water bottles can be strung in sequence to simultaneously obtain water samples from various depths. Comparative data can be gathered by analysing the water at different depths, such as differences in types of organisms living at certain depths, changes in water temperature, suspended sediment, and nutrient availability can all be determined. Also, the distribution of chemicals at various depths such as nitrates, phosphates, oxygen, and sulfates can reveal the dispersion of pollutants in the lake.

Students in the introductory geology course, GL 161, taught this semester by Gingerich, may analyze water samples from deltas and river mouths on both the east and west sides of Lake Champlain. By taking piston cores of sediment from both sides, the influence of the paper mill industry can be studied through the wood chips and other solid wastes found in the sediment deposits of the lake.

Peter Goreau of the geology department indicated that the "Brew B." boat allowed for interdisciplinary studies involving geology, ecology, geography, chemistry, and nautical architecture. The effects of phosphate disposal from fish hatcheries and wood by-products from the paper mills are important environmental issues. These effects can be studied by collecting water and sediment samples with the equipment on the "Brew B." boat. The boat can also be used to study the architecture of sunken ships and sailing vessels from the American Revolution that have been preserved by the lake sediments. Because Lake Champlain was used extensively by Indians for transport and religious ceremonies, Indian artifacts can be found on the shores and on the lake bottom as well. The geology department encourages the other academic departments to consider the availability of the "Brew B." boat for research projects in the future.

France

continued from page 1

been more intelligent this time around, primarily, he thinks, because Americans are not directly involved. "At least we're not seeing Paris equated with Beiruit any longer," he said.

Still, each of the students who spoke with *The Campus* had their own litte horror stories to tell. Janice Kopp had been shopping on the block of one of the earlier explosions only a few hours before the bomb went off. Cynthia Bechet also tells of arriving late for a party on the day of the department store bombing, only to find that nobody felt much like partying until she had arrived, safely.

Although Prime Minister Jacques Chirac has promised a "crushing" response to the terrorism, the police are reported to have few real leads, and there appears to be no quick end in sight. For the students in Paris, there's really nothing to do except continue with their lives.. "There's no way that you can put it totally out of your mind," says Bechet,(adding that for every bomb blast there are three false alarms), "but I'm in Paris. I'm not going to stay in my room."

Corrections

Due to an editorial error, the word "alledgedly" was omitted from Kevin Barry's article entitled "Zaccaro drops out" in last week's issue of the *Campus* in reference to the charges which have been brought against him.

The professors mentioned in last week's editorial entitled "Something new" received promotions to full professorships this summer, not tenure as we had stated. All of the professors mentioned were already tenured.

AMERICAN CANCER SOCIETY

Doonesbury

BY GARRY TRUDEAU

I'M GOING TO HATE IT.
YOU DON'T KNOW THAT, MIKE.
9-22
YES, I DO. THIS WAS A VERY BIG MISTAKE!
HEY, C'MON, GIVE IT A CHANCE, WILLYA?
WHAT HAVE I DONE?
OKAY, FINISHED. TAKE A LOOK!
AAIEEE!
WELCOME TO THE '80s, GOOD-LOOKIN'!
YOU DON'T LIKE IT?
J.J., I WANTED A TRIM! YOU'VE MADE ME LOOK LIKE SOME JERKY, DOWNTOWN TRENDOID!
9-23
MY TRANSFORMATION INTO DORK OF THE YEAR IS NOW COMPLETE! YOU HAVE OFFICIALLY TAKEN OVER MY ENTIRE LIFE!
MIKE, LET'S TALK. SIT DOWN...
ON WHAT? OUR SO-CALLED FURNITURE? IF YOU INSIST!
MIKE, I...
WELL? AREN'T YOU GOING TO WRAP ME UP IN PLASTIC FIRST?
YOU'RE HAVING TROUBLE WITH MORE THAN JUST THE HAIRCUT, AREN'T YOU, MIKE?
YOU BET I'M HAVING TROUBLE!
9-24
I'M HAVING TROUBLE WITH THE WHOLE DAMN DOWNTOWN SCENE - THE EMPTY ART, INANE FASHION, AND THE OBSESSION WITH SUCCESS! I'M HAVING TROUBLE WITH...
WITH ME?
WITH YOU? NO, NO, J.J., NOT YOU SPECIFICALLY. JUST... WELL, JUST...
JUST WHAT?
JUST EVERYTHING ABOUT YOU.
AH, SO THERE'S HOPE.
LOOK, MIKE, I KNOW IT'S HARD FOR YOU, BUT YOU HAVE TO UNDERSTAND - I'M CAUGHT UP IN SOMETHING HERE. AND IT'S EXCITING! I LOVE MY NEW LIFE!
9-25
YEAH, WELL, I LOVE MY OLD ONE. I'VE TRIED, J.J., BUT I JUST DON'T FIT IN WITH YOUR BRAVE NEW WORLD OF IRONIC DETACHMENT!
IRONIC DETACHMENT? OH, MIKE, MIKE...
WHAT?
THAT WAS TWO SEASONS AGO, HON.
I'M GOING FOR A WALK.
AVENUE B, 2:45 A.M.
HE WALKS ALONE. A LITTLE EMPTY. A LITTLE ANGRY. A LITTLE EMBARRASSED.
9-26
HEY, GEEK! NICE HAIRCUT!
MOSTLY EMBARRASSED.
THE 4:05 A.M. YANKEE CLIPPER.
ONE-WAY.
UH... TO WHERE?
9-27
I DON'T CARE. ANYTOWN.
ANYTOWN? YOU WANT A TICKET TO ANYTOWN? YOU MUST BE A GUY WITH DEAD-END DREAMS.
IT'S AN OLD STORY. WHEN YOU GET TO ANYTOWN, ODDS ARE YOU'LL SHUFFLE DOWN LONESOME ROAD AND CHECK INTO HEARTBREAK HOTEL, RIGHT, KID?
ARE YOU MAKING FUN OF ME?
NAW. JUST TRYING TO GET YOUR MIND OFF YOUR HAIRCUT.

Classified

Hey Mouse - it has been the happiest year of my life. Many, many, many more to follow.... JCC

B-team tennis will dominate. GOOD LUCK GIRLS!

MORTIMER FOR KING IN '89

Excitement will be lacking on the fifthe floor, what with no moo-cow phones etc. Waiting to see your face, albeit snas dewby glasses. Love, me.

DKE

BLACK

&

WHITE

Martian! Are you glowing?

Let Garvey count the ballots. Then be indiscriminate.

Would the real Paul Davis please call Ginny!

Cath, hang in there, and put not your trust in strange skiers bearing chem degrees. Get psyched for the weekend! Love, Paula.

Hey Lamda Tau Sigma! When is rush?

Karen, Cath, Kathy: Lust Patrol Tuesday nights. Paula.

Freshman Girls: BEWARE THE BLACK ANGUS

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